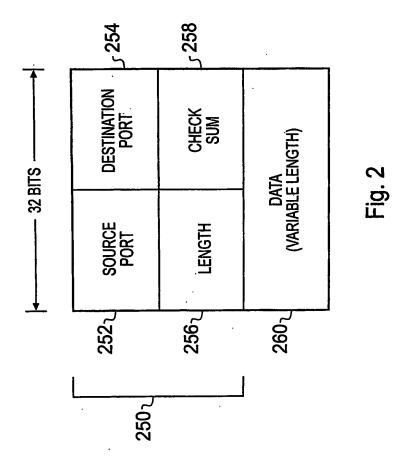
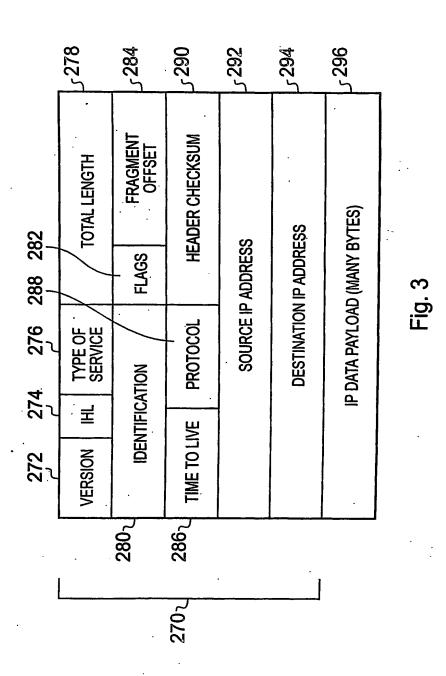


Fig. 1

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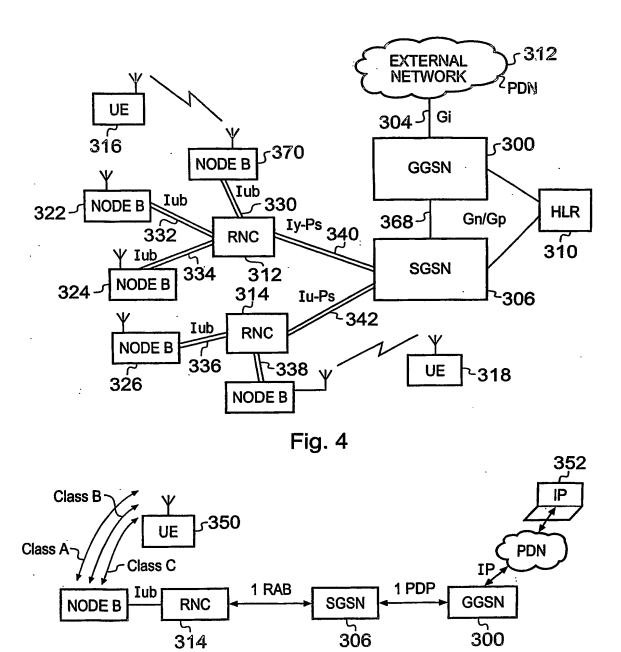
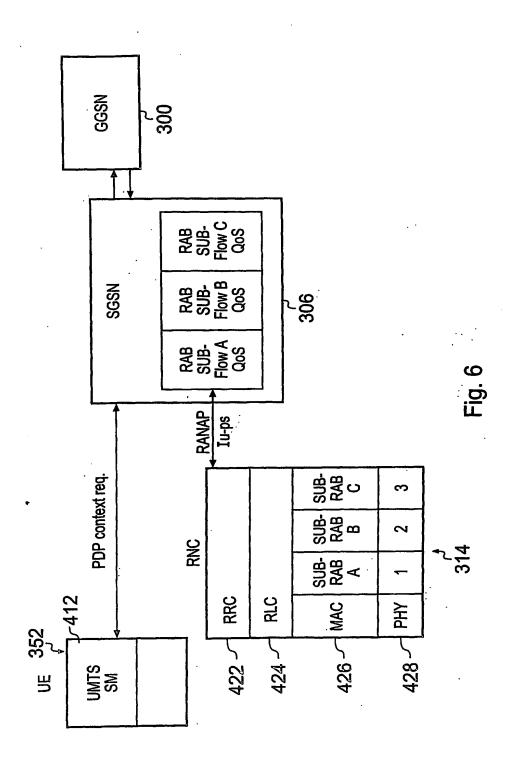


Fig. 5

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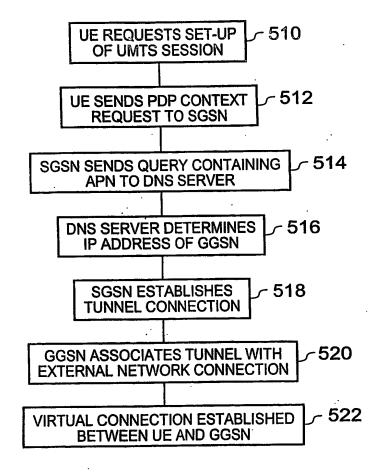


Fig. 7

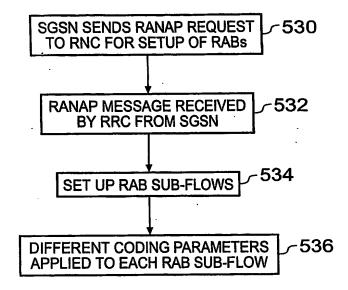


Fig. 8

Idalo			
RAB service attribute	RAB service attribute value	value	Comments
Traffic Class	Conversational	-	
RAB Asymmetry Indicator	Symmetric, bidirectional	nal	Symmetric RABs are used for uplink and downlink
Maximum bit rate	12,65 kbit/s in configurations 0 and 1 15,85 kbit/s in configurations 2 and 3 23,85 kbit/s in configurations 4 and 5	urations 0 and 1 urations 2 and 3 urations 4 and 5	This value depends on the highest mode rate in the RFCS (note 2)
Guaranteed bit rate	6,60 kbit/s		One of the values chosen, depending on the lowest rate controllable SDU format (note 2)
Delivery Order	Yes		(note 1)
Maximum SDU size	253 in configurations 0 and 1 317 in configurations 2 and 3 477 in configurations 4 and 5	0 and 1 2 and 3 4 and 5	Maximum size of payload field in lu UP, according to the highest mode rate in the RFCS (note 2)
Traffic Handling Priority	Not applicable		Parameter not applicable for the conversational traffic class (note 1)
Source statistics descriptor	Speech		(note 1)
SDU Parameters	RAB subflow 1 (Class A bits)	RAB subflow 2 (Class B bits)	The number of SDU, their number of RAB subflow is subject to operator tuning (note 3)
,	(, {	

Fig. 9 (continued on page 9/17)

error ratio 10-6 10-3 subflow) subflow) subflow) subflow) subflow) subflow) subflow) Class A bits are delivered with error indication; Class B bits are delivered without any error indication information 1-5 (note 5) (note 4) These parameters apply to all UMTS speech codec types. The guaranteed bit rate depends on the periodicity and the lowest rate controllable SDU size. All UMTS AMR-WB configurations as defined in TS 26.103 contain the 6,60 kbps codec mode as under the first of the finaximum SDU size.
(rote 5) (speech code) the periodicity
(note 5) (speech code the periodicity defined in TS 2
(note 5) speech code the periodicity the periodicity the factor TS 2
S speech code the periodicity defined in TS 2
S speech code the periodicity defined in TS 2
depend on the selected UMTS_AMR-WB configuration. These parameters are subject to operator tuning. SDU format information has to be specified for each AMR-WBcore frame type (i.e. with speech bits and comfort noise bits) included in the RFCS as defined in [2]. The subflow SDU size corresponding to an AMR-WBcore frame type indicates the number of bits in the class A class B fields as specified in Table 2 (see Fig. 10)

Fig. 9 (continued from page 8/17)

Total No. of Bits per frame	198	274	306	338	ĺ
Total Bits pe	16	2	3(3,	
No of Class C Bits per frame	0	0	0	. 0	
No of Class B Bits per frame	113	181	213	245	
No of Class A Bits per frame	64	72	72	2.2	
Frame Type Index	_	2	3	. 7	

Fig. 10

	Source rate		AMR-WB SID	AMR-WB 6.6 kbps	AMR-WB 8.85 kbps	AMR-WB 12.65 kbps		AMR-WB SID	AMR-WB 6.6 kbps	AMR-WB 8.85 kbps	AMR-WB 12.65 kbps	AMR-WB 15.85 kbps		AMR-WB SID	AMR-WB 6.6 kbps	AMR-WB 8.85 kbps	AMR-WB 12.65 kbps	AMR-WB 23.85 kbps
Total number	of bits per read sub-flow combination (Mandatory)		40	132	177	253		40	132	177	253	317		40	132	111	253	477
RAB sub-flows	RAB sub- flow 2 (Optioinal)	Evamnia 1	0	78	113	181	Example 2	0	78	113	181	244	Example 3	0	78	113	181	403
RAB su	RAB sub- flow 1 (Optioinal)		40	54	64	72		40	54	64	72	73		40	54	64	72	74
UMTS_AMR-WB	RFCI		-	2	3	4			2	က	4	5		_	2	3	. 4	5

Fig. 11

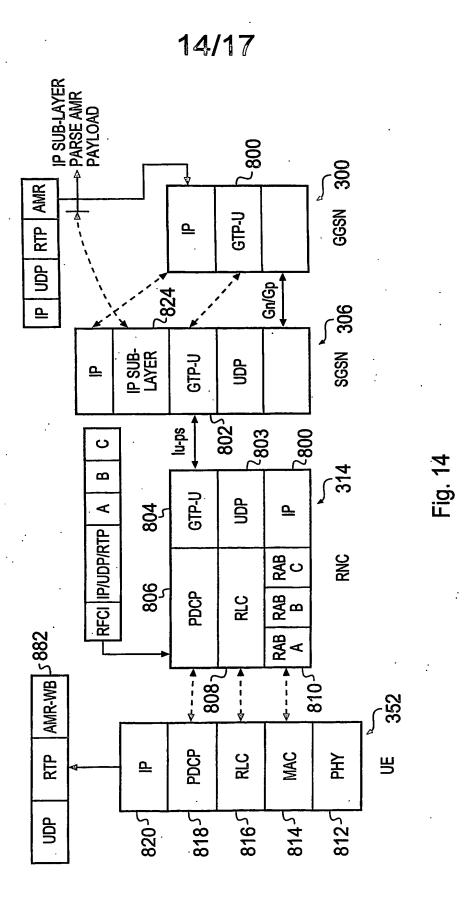
Table 3

•	Octet 1	Octet 2	Octet 3	Octet 4	Octet 5	Octet 6	Octet 7	Octet 8	Octet 9	Octet 10	Octet 11	Octet 12	Octet 13
. 2 1			Reliability class	Precedence class		Delivery of erroneous SDU				SDU error ratio	Traffic Handling priority		
က) E			Mean throughput	Del		¥	irk	SDU		ji. Ju	nlink
4	Quality of service IEI	Length of quality of service IE		0 spare		Delivery order	Maximum SDU size	Maximum bit rate for uplink	Maximum bit rate for downlink		Transfer delay	Guaranteed bit rate for uplink	rate for dow
2	Quality of	ength of qua	Delay class			Delive	Maximun	Maximum bit	laximum bit ı				Guaranteed bit rate for downlink
9		L		aak ghput	·				W	Residual BER			ල
7			0 0 spare	Peak throughput	0 0 0 spare	Traffic Class							
œ			ds 0										

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	Octet 1	Octet 2	Octet 3	Octet 4	Octet 5	Octet 6	Octet 7	Octet 8	Octet 9	Octet 10	Octet 1	Octet 12	Octet 13 Octet 14	Octet 22	Octet 23
2 1			Reliability class	Precedence class		Delivery of erroneous SDU				SDU error ratio	Traffic Handling priority				
3		크			Mean throughput	Del		¥	alink	SDU		şink İnk	ınlink		
4	Quality of service IEI	Length of quality of service IE		0 spare		Delivery order	Maximum SDU size	Maximum bit rate for uplink	Maximum bit rate for downlink			Guaranteed bit rate for uplink	Guaranteed bit rate for downlink	QoS optional field 1	QoS optional field 2
5	Quality of	ngth of qual	Delay class			Delive	Maximum	laximum bit	ximum bit r		Transfer delay	uaranteed b	ranteed bit	QoS opti	QoS opti
9		Ler		Peak throughput	လ် ဆ	·		2	Ma	Residual BER	Trans	ซ 	Gus		·
7			0 0 spare	Pe	Optional QoS Indication Bits	Traffic Class				Resid				·	
æ			3 8												

Fig. 13



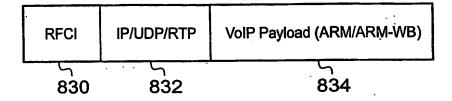


Fig. 15

